

FUSED IMIDAZOLE DERIVATIVE

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
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Cited documents:

 WO2004018469
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 WO03024965
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Abstract of WO2004096806

A compound represented by the following formula (I), a prodrug thereof, or a pharmaceutically acceptable salt of either. The compound has high DPP-IV inhibitory activity and has been improved in safety, toxicity, etc. (I) [In the formula, R<1> represents hydrogen, optionally substituted alkyl, etc.; R<2> represents hydrogen, optionally substituted alkyl, optionally substituted aryl, etc.; R<3> represents hydrogen, optionally substituted aryl, etc.; and -Y-NH2 represents, e.g., a group represented by the formula (A) (wherein m is 0, 1, or 2; and R<4> is absent or one or two R<4>'s are present, the R<4>'s each independently representing optionally substituted alkyl, etc.).]

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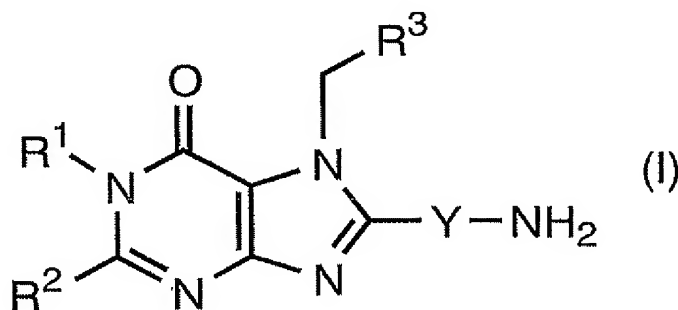
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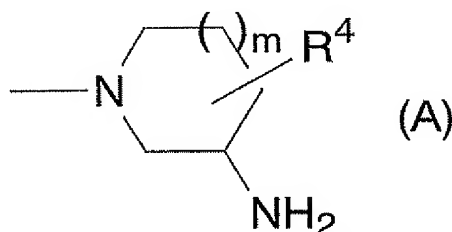
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(54) Title: FUSED IMIDAZOLE DERIVATIVE

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(57) Abstract: A compound represented by the following formula (I), a prodrug thereof, or a pharmaceutically acceptable salt of either. The compound has high DPP-IV inhibitory activity and has been improved in safety, toxicity, etc. (I) [In the formula, R¹ represents hydrogen, optionally substituted alkyl, etc.; R² represents hydrogen, optionally substituted alkyl, optionally substituted aryl, etc.; R³ represents hydrogen, optionally substituted aryl, etc.; and -Y-NH₂ represents, e.g., a group represented by the formula (A) (wherein m is 0, 1, or 2; and R⁴ is absent or one or two R⁴'s are present, the R⁴'s each independently representing optionally substituted alkyl, etc.).]



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